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LPIC-1 Exam 101, Part 1 of 2, version 5.0

LPI 101-500

Version Demo

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Topic Break Down

Topic	No. of Questions
Topic 1, System Architecture	22
Topic 2, Linux Installation and Package Management	30
Topic 3, GNU and Unix Commands	55
Topic 4, Devices, Linux Filesystems, Filesystem HierachyStandard	88
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QUESTION NO: 1

What is the difference between the i and a commands of the vi editor?

- A. i (interactive) requires the user to explicitly switch between vi modes whereas a (automatic) switches modes automatically.
- B. i (insert) inserts text before the current cursor position whereas a (append) inserts text after the cursor.
- C. i (independent rows) starts every new line at the first character whereas a (aligned rows) keeps the indentation of the previous line.
- D. i (interrupt) temporarily suspends editing of a file to the background whereas a (abort) terminates editing.

ANSWER: B

QUESTION NO: 2

From a Bash shell, which of the following commands directly executes the instruction from the file

/usr/local/bin/runme.sh without starting a subshell? (Please select TWO answers.)

- A. source /usr/local/bin/runme.sh
- B. . /usr/local/bin/runme.sh
- C. /bin/bash /usr/local/bin/runme.sh
- D. /usr/local/bin/runme.sh
- E. run /usr/local/bin/runme.sh

ANSWER: A B

QUESTION NO: 3

What happens after issuing the command vi without any additional parameters?

- A. vi starts and loads the last file used and moves the cursor to the position where vi was when it last exited.
- B. vi starts and requires the user to explicitly either create a new or load an existing file.
- C. vi exits with an error message as it cannot be invoked without a file name to operate on.
- D. vi starts in command mode and opens a new empty file.

E. vi starts and opens a new file which is filled with the content of the vi buffer if the buffer contains text.

ANSWER: D

QUESTION NO: 4

Which of the following files exist in a standard GRUB 2 installation? (Choose two.)

- A. /boot/grub/stages/stage0
- B. /boot/grub/i386-pc/1vm.mod
- C. /boot/grub/fstab
- D. /boot/grub/grub.cfg
- E. /boot/grub/linux/vmlinuz

ANSWER: B D

QUESTION NO: 5

Which of the following commands changes all CR-LF line breaks in the text file userlist.txt to Linux standard LF line breaks and stores the result in newlist.txt?

- A. `tr -d '\r' < userlist.txt > newlist.txt`
- B. `tr -c '\n\r' " userlist.txt`
- C. `tr '\r\n' " newlist.txt`
- D. `tr '\r' '\n' userlist.txt newlist.txt`
- E. `tr -s '/^M/^J/' userlist.txt newlist.txt`

ANSWER: A

QUESTION NO: 6

Which of the following Linux filesystems preallocates a fixed number of inodes at the filesystem's make/creation time and does NOT generate them as needed? (Choose TWO correct answers.)

- A. ext3

- B. JFS
- C. ext2
- D. XFS
- E. procfs

ANSWER: A C

QUESTION NO: 7

A user accidentally created the subdirectory `\dir` in his home directory. Which of the following commands will remove that directory?

- A. `rmdir '~\dir'`
- B. `rmdir "~\dir"`
- C. `rmdir ~/'dir'`
- D. `rmdir ~\dir`
- E. `rmdir ~\dir`

ANSWER: E

QUESTION NO: 8

Which of the following file permissions belong to a symbolic link?

- A. `-rwxrwxrwx`
- B. `+rwxrwxrwx`
- C. `lrwxrwxrwx`
- D. `srwxrwxrwx`

ANSWER: C

QUESTION NO: 9

Which wildcards will match the following filenames? (Choose two.)

ttyS0 ttyS1 ttyS2

- A. ttyS[1-5]
- B. tty?[0-5]
- C. tty*2
- D. tty[A-Z][012]
- E. tty[Ss][02]

ANSWER: B D

QUESTION NO: 10

Which of the following commands can be used to determine how long the system has been running? (Choose TWO correct answers.)

- A. uptime
- B. up
- C. top
- D. uname -u
- E. time -up

ANSWER: A C

QUESTION NO: 11

Which of the following commands are common Linux commands for file management? (Choose three correct answers.)

- A. copy
- B. mv
- C. move
- D. cp
- E. mkdir

ANSWER: B D E

QUESTION NO: 12

What information can the `lspci` command display about the system hardware? (Choose THREE correct answers.)

- A. Device IRQ settings
- B. PCI bus speed
- C. System battery type
- D. Device vendor identification
- E. Ethernet MAC address

ANSWER: A B D

QUESTION NO: 13

Which of the following commands will send output from the program `myapp` to both standard output (`stdout`) and the file `file1.log`?

- A. `cat < myapp | cat > file1.log`
- B. `myapp 0>&1 | cat > file1.log`
- C. `myapp | cat > file1.log`
- D. `myapp | tee file1.log`
- E. `tee myapp file1.log`

ANSWER: D

QUESTION NO: 14

Which of the following environment variables overrides or extends the list of directories holding shared libraries?

- A. `LD_LOAD_PATH`
- B. `LD_LIB_PATH`
- C. `LD_LIBRARY_PATH`

- D. LD_SHARE_PATH
- E. LD_RUN_PATH

ANSWER: C

QUESTION NO: 15

What does the command `mount --bind` do?

- A. It makes the contents of one directory available in another directory
- B. It mounts all available filesystems to the current directory
- C. It mounts all user mountable filesystems to the user's home directory
- D. It mounts all file systems listed in `/etc/fstab` which have the option `userbind` set
- E. It permanently mounts a regular file to a directory

ANSWER: A